



BRUHAT BANGALORE MAHANAGARA PALIKE

KODIGEHALLI SUBDIVISION

WARD NO.07, Byatarayanapura

Name of Work:- Name of Work:- Improvements to
roads & drains sanjeevininagara in ward no.07
Byataranapura.

Estimated Cost:- 75.00 Lakhs

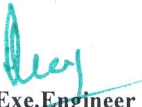
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S.N	DESCRIPTION OF WORK	Unit	N	L	B	D	QTY	RATE	AMOUNT
1	2	3	4.00	5.00	6.00	7.00	8.00	9.00	10
1	Removing and refixing stone slabs of drains and pointing in CM(1:3), Pg No.27, Item No.5.33								
	Covering slab								
	Cross Roads		2.00	382.00	0.75		573.00		
	Cross Roads		2.00	361.00	0.75		541.50		
	Cross Roads		2.00	378.00	0.75		567.00		
							TOTAL	1681.50	
	Deduct 40% damage slab						672.60		
							TOTAL	1008.90	
	Bs slab drain								
	Cross Roads		2.00	382.00	1.35		1031.40		
	Cross Roads		2.00	361.00	1.35		974.70		
	Cross Roads		2.00	378.00	1.35		1020.60		
							TOTAL	3026.70	
	only damage portion(40%)						1210.68		
							TOTAL	2219.58	111.30 247040.00
	Basic Rate:	sqm	105.00						
	Area Weightage @ 6%		6.30						
	Total		111.30						
2	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete.7.5 cm thick (Pg No.27, Item No.5.31.1)								
	For BS Slab drain(damage portion vide item no 1)						1210.68		
							TOTAL	1210.68	742.00 898324.56
	Basic Rate:	sqm	700.00						
	Area Weightage @ 6%		42.00						
	Total		742.00						
3	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work.(Pg No.27, Item No.5.27.2)								
	For raising side walls of drain								
	Cross Roads		2.00	382.00	0.10		76.40		
	Cross Roads		2.00	361.00	0.10		72.20		
	Cross Roads		2.00	378.00	0.10		75.60		
							TOTAL	224.20	1010.18 226483.00
	Basic Rate:	Sqm	953.00						
	Area Weightage @ 6%		57.18						

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8	KSRRB M300-53. Construction of embankment with approved material Gravel/Murum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(which includes cost of gravel / murum, watering charges & compaction by vibratory roller)(P-147., It No: 19.60)							
	Basic Rate:	cum	325.00					
	Area Weightage @ 6%		19.50					
	Total		344.50					
	Cross Roads		1.00	92.00	4.50	0.30	124.20	
	Cross Roads		1.00	96.00	5.00	0.30	144.00	
	Cross Roads		1.00	102.00	5.50	0.30	168.30	
					TOTAL	436.50	344.50	150375.00
9	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.13, It.4.3)							
	Basic Rate:	cum	5102.00					
	Area Weightage @ 6%		306.12					
	Total		5408.12					
	Cross Roads		1.00	92.00	4.50	0.15	62.10	
	Cross Roads		1.00	96.00	5.00	0.15	72.00	
	Cross Roads		1.00	102.00	5.50	0.15	84.15	
					TOTAL	218.25	5408.12	1180323.00
10	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)							
	Basic Rate:	Sqm	456.00					
	Area Weightage @ 6%		27.36					
	Total		483.36					
	SIDE							
	Cross Roads	1x2	2.00	92.00		0.10	18.40	
	Cross Roads	1x2	2.00	96.00		0.10	19.20	
	Cross Roads	1x2	2.00	102.00		0.10	20.40	
						58.00	483.36	28035.00

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15			PMC 1.1	Sub Total	6464700.68	64097.91
16				Add 12% GST charges	775764.08	769174.87
17				KRIDL CHARGES (3+1)%	258588.03	256391.62
18				Miscellaneous charges	947.21	545.04
19				Total	7500000.00	7500000.00
1) This is certified that the work spot comes under BBMP limits only. 2) The work spot is inspected by me 3) The items Provided in the Estimate are quite Essential 4) The rates are as per CSR of 2018-19 year of PWD Bangalore Circle.  Asst. Engineer Ward no.7  Asst. Exe. Engineer Kodigehalli Sub-division B.B.M.P.  Executive Engineer Byatrayanapura Division B.B.M.P.						

ADMINISTRATIVE APPROVAL

Accorded For Rs. 75.00 (Priority Time Table only)

Head of A/c P-3727, 1 SC-SP/TSP

Div. Ref. No. 78/19-20 Date 24-10-19

 AE 24/10

 EE(BTP) 24/10

Technical Sanction

Accorded For RS 7500000 only

Head of A/c P3727

CER NO : 139 Dt: 28.10.2019

 TA

 CE (YNKL)